

(19)



(11)

EP 2 108 260 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
01.12.2010 Bulletin 2010/48

(51) Int Cl.:
A01N 35/02 (2006.01) **A01N 37/04** (2006.01)
A01N 43/80 (2006.01) **A01N 59/08** (2006.01)
A01P 1/00 (2006.01)

(43) Date of publication A2:
14.10.2009 Bulletin 2009/42

(21) Application number: **09151791.2**

(22) Date of filing: **30.01.2009**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL
PT RO SE SI SK TR**
Designated Extension States:
AL BA RS

- **Schwarzentruher, Patrick**
8113 Boppelsen (CH)
- **Buri, Matthias**
4852 Rothrist (CH)
- **Gane, Patrick, Arthur, Charles**
4852 Rothrist (CH)

(30) Priority: **18.04.2008 US 124637 P**
11.04.2008 EP 08154448

(74) Representative: **Glas, Holger**
Maiwald Patentanwalts GmbH
Elisenhof
Elisenstrasse 3
80335 München (DE)

(71) Applicant: **Omya Development AG**
4665 Oftringen (CH)

(72) Inventors:
• **Di Maiuta, Nicola**
4528 Zuchwil (CH)

(54) **Composition having biocide activity for aqueous preparations**

(57) The present invention refers to a process for bacterial stabilizing aqueous preparations like e.g. calcium carbonate slurries and a composition which can be used for the biocidal treatment of such aqueous preparations.

EP 2 108 260 A3



EUROPEAN SEARCH REPORT

Application Number
EP 09 15 1791

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	EP 1 623 725 A2 (ETHICON INC [US]) 8 February 2006 (2006-02-08) * paragraph [0021] * * paragraphs [0026] - [0027] * * paragraph [0119] * * paragraph [0128] * * paragraph [0129] * * paragraph [0141] - paragraph [0142] * * paragraph [0042] *	1-27	INV. A01N35/02 A01N37/04 A01N43/80 A01N59/08 A01P1/00
X,D	EP 1 661 587 A1 (ETHICON INC [US]) 31 May 2006 (2006-05-31) * paragraph [0147] * * paragraphs [0030] - [0031] * * example 5 *	1-27	
X	EP 1 547 621 A2 (ETHICON INC [US]) 29 June 2005 (2005-06-29) * paragraph [0042] * * paragraph [0119] * * examples 5,11 * * paragraphs [0026] - [0027] *	1-27	TECHNICAL FIELDS SEARCHED (IPC)
X	GB 1 443 786 A (COWAN S M) 28 July 1976 (1976-07-28) * page 3; table 1 * * page 2, right-hand column, lines 75-104 *	1-27	A01N A61L
X,D	US 2001/009682 A1 (WHITELEY REGINALD KEITH [AU]) 26 July 2001 (2001-07-26) * paragraph [0038] * * examples * * page 17, lines 18-21 *	1-27	
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 22 October 2010	Examiner Galley, Carl
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

 3
EPO FORM 1503 03.82 (P04C01)



EUROPEAN SEARCH REPORT

Application Number
EP 09 15 1791

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y,D	US 2006/111410 A1 (WACHTLER PETER [DE] ET AL) 25 May 2006 (2006-05-25) * claims * * paragraphs [0011] - [0012] * * paragraph [0055] * -----	1-27	
Y,D	WO 2004/040979 A1 (BAYER CHEMICALS AG [DE]; WACHTLER PETER [DE]; KUGLER MARTIN [DE]) 21 May 2004 (2004-05-21) * claims * * the whole document * -----	1-27	
Y	US 3 983 252 A (BUCHALTER GILBERT) 28 September 1976 (1976-09-28) * column 2, lines 45-59 * * column 4, lines 1-27 * -----	1-27	
			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 22 October 2010	Examiner Galley, Carl
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

3

EPO FORM 1503 03/02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 09 15 1791

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

22-10-2010

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1623725	A2	08-02-2006	NONE	
EP 1661587	A1	31-05-2006	AR 055538 A1	22-08-2007
			AU 2005227351 A1	15-06-2006
			BR PI0505203 A	11-07-2006
			CA 2528561 A1	30-05-2006
			CN 1810108 A	02-08-2006
			JP 2006151983 A	15-06-2006
			KR 20060060615 A	05-06-2006
			MX PA05012903 A	01-06-2006
			ZA 200509664 A	30-04-2008
EP 1547621	A2	29-06-2005	AR 048212 A1	12-04-2006
			AU 2004237836 A1	07-07-2005
			BR PI0405733 A	10-01-2006
			CA 2490047 A1	19-06-2005
			CN 1647648 A	03-08-2005
			CO 5580137 A1	30-11-2005
			JP 2005187471 A	14-07-2005
			KR 20050062443 A	23-06-2005
			MX PA05000010 A	26-08-2005
			US 2005136086 A1	23-06-2005
			ZA 200410162 A	27-09-2006
GB 1443786	A	28-07-1976	CA 1002876 A1	04-01-1977
			CA 988845 A1	11-05-1976
US 2001009682	A1	26-07-2001	WO 9819536 A1	14-05-1998
			CA 2270437 A1	14-05-1998
			EP 0936862 A1	25-08-1999
			JP 2001503415 T	13-03-2001
			NZ 335911 A	23-02-2001
US 2006111410	A1	25-05-2006	AU 2003274084 A1	07-06-2004
			BR 0316085 A	27-09-2005
			CA 2505002 A1	21-05-2004
			CN 1725953 A	25-01-2006
			DE 10251915 A1	19-05-2004
			WO 2004040980 A1	21-05-2004
			EP 1562425 A1	17-08-2005
			HR 20050510 A2	30-06-2006
			JP 2006505596 T	16-02-2006
			KR 20060006761 A	19-01-2006
			MX PA05004986 A	23-11-2005
			ZA 200503640 A	28-02-2007

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 09 15 1791

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

22-10-2010

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2004040979 A1	21-05-2004	AT 424113 T	15-03-2009
		AU 2003283304 A1	07-06-2004
		DE 10251916 A1	19-05-2004
		EP 1562424 A1	17-08-2005
		ES 2320441 T3	22-05-2009

US 3983252 A	28-09-1976	NONE	
